**Project Development Phase**

**Model Performance Test**

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| Date | 10 February 2025 |
| Team ID | LTVIP2025TMID48259 |
| Project Name | plugging into the future: an exploration of electricity consumption patterns using tablea |
| Maximum Marks |  |

**Model Performance Testing:**

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| **S.No.** | **Parameter** | **Screenshot / Values** |
|  | Data Rendered | Consumption data by state, region, date, and usage patterns |
|  | Data Preprocessing | Cleaned missing usage values, standardized state names, converted dates to standard date fields |
| 3. | Utilization of Filters | Applied filters for: Region, State, Year, Month |
| 4. | Calculation fields Used | - Average Consumption  - Peak Demand  - Year-over-Year Growth Rate |
| 5. | Dashboard design | Number of Visualizations / Graphs – 2 Dashboards  Includes bar charts, heatmaps, time series line charts |
| 6 | Story Design | Number of Visualizations / Graphs – 3  Each scenario (Consumption Trends, Seasonal Demand, Regional Patterns) explained through story points |